

Kaptelinin

Amendment A

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P. 6, lines 4 to 5, **delete** "However, the latter ... scrolling windows."

P. 6, line 12, **after** "temporary visual clues." **insert**

-- A computer application Lotus Notes™ displays a short line on the left margin of a text as a clue indicating the location of newly displayed information in a window. The user has to look away from the text to pay attention to the clue. Besides, since the clue does not automatically disappear and remains visible, the user is likely to learn to ignore the clue.

US Patent No. 6, 476, 831 to Wirth et al describes a technique, which makes use of a transient semi-transparent overlay superimposed on new areas of a scrolled document displayed in a window after scrolling. The overlay temporarily obstructs the view of newly displayed areas of the document. In case of whole page scrolling the overlay may change visual appearance of a large area of a window.

US Patent No. 6,738,084 to Kelley et al. describes a technique, which makes it possible for a user to insert a reference marker in a window displaying a document, which causes a first representation appear at the insertion point and a second representation appear in a scroll bar area at the location corresponding to the position of the insertion point within the document as a whole. The user can easily return to the marked point by pointing to the second representation on the scroll bar.

US Patent No. 5,973,663 to Bates et al. discloses a scroll bar whose appearance changes over time. When a portion of window related information is displayed, a corresponding area of the scroll bar is "warming up": the longer the portion is displayed, the higher the "temperature." When the user scrolls to a different portion of the document, a new area of the scroll bar is "warming up," while other areas "cool down."

None of the above techniques provides temporary visual clues, displayed immediately after scrolling and not obstructing the view of new, not presented before scrolling, information by visually differentiating old and new information in a window. —

P. 6, lines 6 to 12, **delete** "The present invention ... visual clues."

P. 6, line 14, **change** "provides a system and method" **to** — provides a method and apparatus —

P. 6, line 21, **delete** "preferably"

P. 7, lines 1 to 3, **change** "Kaptelinin, V., Mäntylä, T., Åström, J. Transient visual clues for scrolling: An empirical study. (submitted for publication)" **to**

-- Kaptelinin, V., Mäntylä, T., Åström, J. (2002). Transient visual clues for scrolling: An empirical study. CHI 02: ACM Conference on Human Factors in Computing Systems, Extended Abstracts, pp. 620-621. --

P. 7, lines 4 to 6, **delete** "The Windows ... Studio 6.0)"

P. 7, line 7, **after** "Ware, C." **insert** -- (1999). --

P. 7, line 8, **change** ", 1999." **to** --, pp. 163-168. --

P. 7, lines 9 to 10, **delete** "Wolf ... Psychology press, 1998."

P. 7, line 11, **after** "Åström, J." **insert** -- (unpublished manuscript) --

P. 9, line 12, **delete** "Underlying ideas"

P. 9, line 13, **change** "The approach underlying" **to** -- The underlying ideas of --

P. 12, lines 20 to 28, **delete** "Of course ... before scrolling."

P. 13, last line, **delete** "apparently"

P. 14, last line, **delete** "(MSDN Library Visual Studio 6.0,"

P. 15, line 1, **delete** "Platform SDK, Windows Base Services)"

P. 21, line 6, **delete** "very"

P. 26, line 20, **change** "The disclosed invention is expected" **to** -- The object of the disclosed invention is --

P. 27, line 26, **change** ", that is, is" **to** --, that is, --

P. 29, lines 16 to 17, **change** "the side of a marker, on which" **to** -- a direction relative to a marker, in which direction --

P. 31, lines 7 to 27, **delete** "A version ... technologies"

Abstract

P. 42, line 9, **after** "clues" **insert** -- do not obscure not processed information --

Claims

Cancel all claims of record and substitute new claims 27 to 48 as follows.

27. A method of displaying information in a window on a display device having a memory storage, while scrolling through a document displayed in the window, said window displaying only part of the document, the method comprising the steps of:
providing a window for displaying a document; and